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The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

355 Lexington Avenue
New York, New York 10017
(212) 573-9400

FOR THE MONTH AND PERIOD ENDED MAY, 1984

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y.

1984 ISSUE NO. 5
RELEASE DATE: JULY 18, 1984

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS AS COMPILED BY ERNST & WHINNEY

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The figures published in this report are reflective of the relevant segment of the industry. In accordance with SPI policy and regulations of the Committee on Resin Statistics, figures will not be published which tend to identify, directly or indirectly, a participant's individual data. Any figures withheld to avoid disclosure are identified by the letter "D" at the applicable line or space of the report. A line will be identified by a "D" if one company has more than 65% of that line, or if there are less than four companies reporting on that line.

PART 300/400
NON – PART 400/500

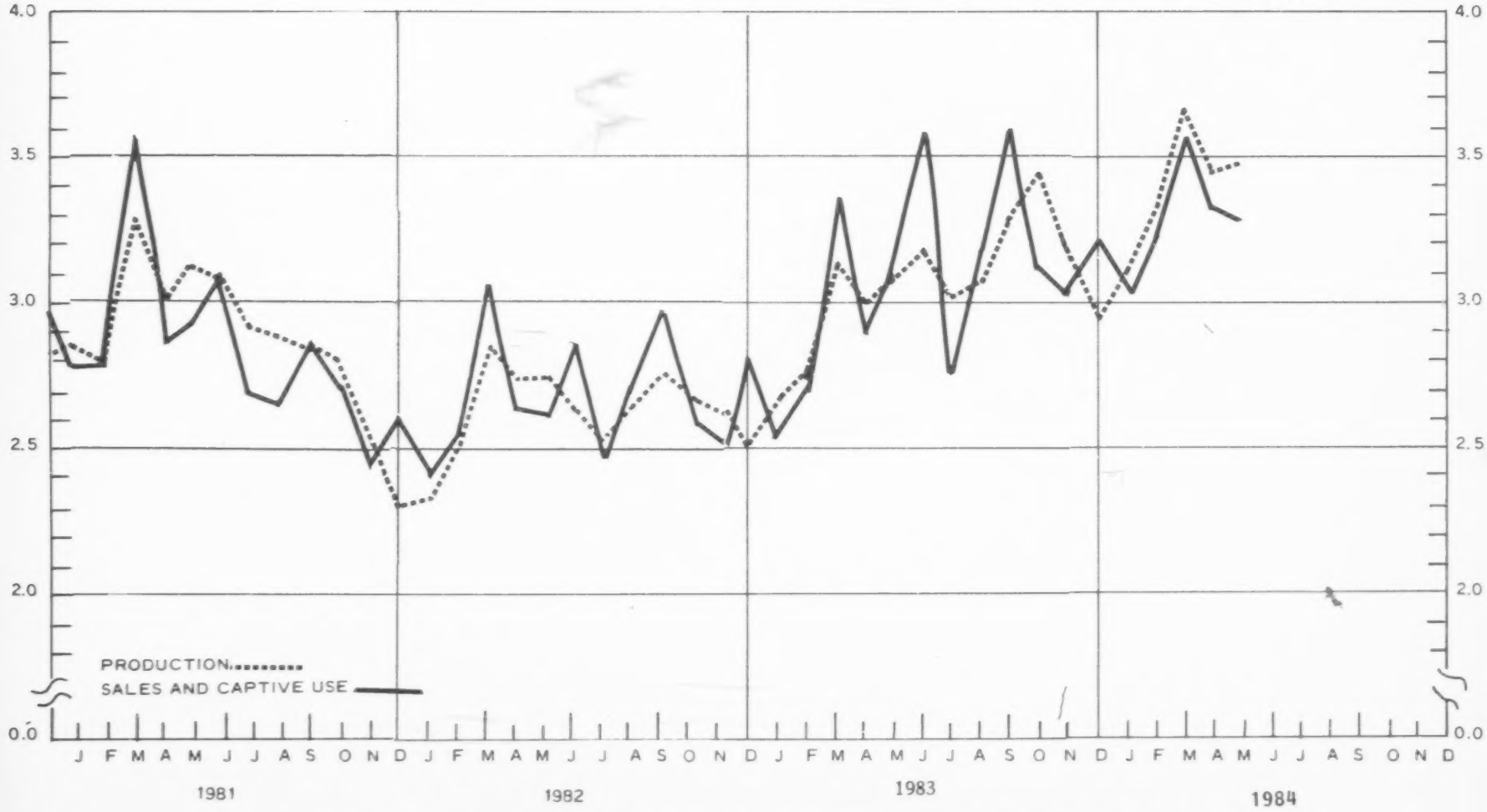
MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

MAY, 1984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PRODUCTION
SALES AND CAPTIVE USE
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COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

CRS

MAY 1984

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	35,516	26,639	+33.3	167,566	127,531	+31.4	35,554	30,459	+16.7	175,220	144,249	+21.5
POLYESTER (UNSATURATED) RESINS, TOTAL	113,777	93,826	+21.3	525,965R	421,878	+24.7	115,373	94,313	+22.3	531,493R	427,076	+24.4
UREA RESINS, TOTAL	105,990	104,613	+1.3	511,766	476,464	+7.4	105,397	105,176	+0.2	514,472	478,598	+7.4
MELAMINE RESINS, TOTAL	17,555	15,122	+16.1	84,572	72,395	+16.8	19,361	15,646	+23.7	89,222	72,903	+22.4
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	207,073	198,826	+4.1	1,093,055	992,942	+10.1	209,178	193,853	+7.9	1,088,142R	970,186	+12.2
THERMOSETTING RESINS, TOTAL	479,911	439,026	+9.3	2,382,924R	2,091,210	+13.9	484,863	439,447	+10.3	2,398,549R	2,093,412	+14.6
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	670,442	642,751	+4.3	3,318,340	3,151,973	+5.3	754,995	701,218	+7.7	3,563,042R	3,285,755	+8.4
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	505,670	470,288	+7.5	2,382,336	2,147,821	+10.9	541,017	457,625	+18.2	2,569,641R	2,222,988	+15.6
POLYPROPYLENE, TOTAL	404,594	364,915	+10.9	1,946,916	1,738,626	+12.0	418,974	364,395	+15.0	2,060,236	1,754,965	+17.4
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	103,253	81,257	+27.1	490,030R	388,073	+26.3	111,723	76,842	+45.4	534,168R	388,867	+37.4
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	8,836	7,438	+18.8	43,430R	37,512	+15.8	10,237	8,694	+17.7	77,644R	37,210	+108.7
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene (3)	24,686	22,072	+11.8	106,232	90,163	+17.8	24,334	19,152	+27.1	115,294	91,330	+26.2
POLYSTYRENE, TOTAL	327,449	325,760	+0.5	1,576,554R	1,437,918	+9.6	316,413	309,375	+2.3	1,536,987R	1,403,819	+9.5
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including styrene butadiene latexes not carboxylated (4)	69,323	61,943	+11.9	315,216R	278,517	+13.2	69,185	65,335	+5.9	317,345R	282,213	+12.4
NYLON RESINS, TOTAL	33,232	26,394	+25.9	163,275	125,824	+29.8	36,846	26,764	+37.7	179,565	118,956	+51.0
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	505,856	544,648	-7.1	2,925,482R	2,598,149	+12.6	551,657	556,554	-0.9	2,940,076R	2,503,643	+17.4
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	61,427	57,718	+6.4	302,018R	278,344	+8.5	* 61,427	* 57,718	+6.4	* 302,018R	* 278,344	+8.5
POLYVINYL ALCOHOL, TOTAL #	12,537	10,532	+19.0	61,615	54,320	+13.4	14,441	12,023	+20.1	60,222	48,135	+25.1
OTHER VINYL RESINS, TOTAL	16,586	14,243	+16.5	79,810R	67,537	+18.2	14,022	15,223	-7.9	79,918R	74,007	+8.0
THERMOPLASTIC POLYESTER, TOTAL	74,841	66,169	+13.1	336,823	298,667	+12.8	76,585	63,511	+20.6	346,004R	293,856	+17.7
THERMOPLASTIC RESINS, TOTAL	2,818,732	2,696,128	+4.5	14,048,077R	12,693,444	+10.7	3,001,856	2,734,429	+9.8	14,682,160R	12,784,088	+14.8
GRAND TOTAL	3,298,643	3,135,154	+5.2	16,431,001R	14,784,654	+11.1	3,486,719	3,173,976	+9.9	17,080,709R	14,877,500	+14.8

(1) = Except phenolic resins which are reported on a gross weight basis
(3) = Includes ABS and SAN
(4) = Includes Styrene Butadiene Latexes
= Includes imputed data

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

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*These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In metric tons, dry weight basis)(1)

CRS

MAY 1984

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	16,110	12,083	+33.3	76,007	57,848	+31.4	16,127	13,816	+16.7	79,479	65,431	+21.5
POLYESTER (UNSATURATED) RESINS, TOTAL	51,609	42,559	+21.3	238,576R	191,363	+24.7	52,333	42,780	+22.3	241,084R	193,720	+24.4
UREA RESINS, TOTAL	48,077	47,452	+1.3	232,135	216,123	+7.4	47,808	47,708	+0.2	233,363	217,272	+7.4
MELAMINE RESINS, TOTAL	7,963	6,859	+16.1	38,362	32,837	+16.8	8,782	7,097	+23.7	40,471	33,068	+22.4
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	93,927	90,187	+4.1	495,807	450,195	+10.1	94,882	87,931	+7.9	493,578	440,074	+12.2
THERMOSETTING RESINS, TOTAL	217,686	199,140	+9.3	1,080,887R	948,566	+13.9	219,932	199,332	+10.3	1,087,975R	949,565	+14.6
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	304,110	291,550	+4.3	1,505,189	1,429,725	+5.3	342,463	318,070	+7.7	1,616,185R	1,490,409	+8.4
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	229,370	213,321	+7.5	1,080,622	974,245	+10.9	245,404	207,577	+18.2	1,165,581R	1,008,341	+15.6
POLYPROPYLENE, TOTAL	183,523	165,524	+10.9	883,115	788,636	+12.0	190,045	165,288	+15.0	934,517	796,047	+17.4
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	46,835	36,858	+27.1	222,276R	176,029	+26.3	50,677	34,856	+45.4	242,297R	176,389	+37.4
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	4,008	3,374	+18.8	19,700R	17,015	+15.8	4,643	3,944	+17.7	35,219R	16,878	+108.7
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene (3)	11,197	10,012	+11.8	48,186	40,898	+17.8	11,038	8,687	+27.1	52,297	41,427	+26.2
POLYSTYRENE, TOTAL	148,530	147,764	+0.5	715,120R	652,235	+9.6	143,525	140,332	+2.3	697,174R	636,768	+9.5
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including styrene butadiene latexes not carboxylated (4)	31,445	28,097	+11.9	142,981R	126,334	+13.2	31,382	29,636	+5.9	143,947	128,011	+12.4
NYLON RESINS, TOTAL	15,074	11,972	+25.9	74,061	57,073	+29.8	16,713	12,140	+37.7	81,450	53,958	+51.0
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	229,455	247,051	-7.1	1,326,990R	1,178,514	+12.6	250,231	252,451	-0.9	1,333,610R	1,135,646	+17.4
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	27,863	26,181	+6.4	136,994	126,256	+8.5	* 27,863	* 26,181	+6.4	* 136,994	* 126,256	+8.5
POLYVINYL ALCOHOL, TOTAL #	5,687	4,777	+19.0	27,948	24,639	+13.4	6,550	5,454	+20.1	27,316	21,834	+25.1
OTHER VINYL RESINS, TOTAL	7,523	6,461	+16.5	36,202R	30,635	+18.2	6,360	6,905	-7.9	36,251R	33,569	+8.0
THERMOPLASTIC POLYESTER, TOTAL	33,948	30,014	+13.1	152,782	135,474	+12.8	34,739	28,808	+20.6	156,946R	133,292	+17.7
THERMOPLASTIC RESINS, TOTAL	1,278,568	1,222,956	+4.5	6,372,166R	5,757,708	+10.7	1,361,633	1,240,329	+9.8	6,659,784R	5,798,825	+14.8
GRAND TOTAL	1,496,254	1,422,096	+5.2	7,453,053R	6,706,274	+11.1	1,581,565	1,439,661	+9.9	7,747,759R	6,748,390	+14.8

(1) = Except phenolic resins which are reported on a gross weight basis.
(3) = Includes ABS and SAN.
(4) = Includes Styrene Butadiene Latexes.
= Includes imputed data.

*These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

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For the purpose of this table, one metric ton equals 2,204.6 pounds. On a monthly basis, the calculation of metric tons from thousands of pounds may not agree precisely due to rounding.

SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

THERMOSETTING RESINS

(In thousands of pounds, dry weight basis)

MAY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	35,516	26,639	+33.3	167,566	127,531	+31.4	35,554	30,459	+16.7	175,220	144,249	+21.5
Total Exports	5,561	2,965	+87.6	20,286	13,175	+54.0						
Total Domestic	29,955	23,674	+26.5	147,280	114,356	+28.8						
Bonding & Adhesives	1,382	1,278	+8.1	7,715	6,573	+17.4						
Flooring, Paving & Exposed Aggregate	1,653	1,325	+24.8	8,413	6,771	+24.3						
Protective Coatings	13,934	10,701	+30.2	65,813	52,309	+25.8						
Fiber Reinforced Laminates & Composites, Total	8,391	5,661	+48.2	39,633	26,308	+50.6						
FRL&C for Printed Wiring Board	5,993	4,073	+47.1	28,768	18,386	+56.5						
All Other FRL&C	2,398	1,588	+51.0	10,865	7,922	+37.1						
Tooling, Casting & Molding Resins	2,362	2,262	+4.4	13,216	10,945	+20.7						
All Other Uses	2,233	2,447	-8.7	12,490	11,450	+9.1						
POLYESTER (UNSATURATED) RESINS, TOTAL	113,777	93,826	+21.3	525,965R	421,878	+24.7	115,373	94,313	+22.3	531,493R	427,076	+24.4
Total Exports	715	704	+1.6	3,630	4,078	-11.0						
Total Domestic	113,062	93,122	+21.4	522,335R	417,800	+25.0						
General Purpose Resins, Total	101,768	83,606	+21.7	469,726R	372,931	+26.0						
General Purpose – Thixotropic	46,640	40,800	+14.3	214,357R	170,610	+25.6						
General Purpose – Press Molding	19,562	11,483	+70.4	83,836R	53,296	+57.3						
General Purpose – All Other	35,566	31,323	+13.5	171,533	149,025	+15.1						
Flame Retardant Resins	1,932	1,676	+15.3	9,202R	8,036	+14.5						
Chemical Resistant Resins	9,362	7,840	+19.4	43,407R	36,833	+17.8						
Chemical Resistant Isophthalic Resins	6,599	5,303	+24.4	30,178	25,171	+19.9						
All Other Chemical Resistant Resins	2,763	2,537	+8.9	13,229R	11,662	+13.4						
Reinforced Plastics, Total	88,233	72,279	+22.1	404,375R	320,962	+26.0						
Non-Reinforced Plastics, Total	24,829	20,843	+19.1	117,960	96,838	+21.8						

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

THERMOSETTING RESINS

(In thousands of pounds, dry weight basis)(1)

MAY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
UREA RESINS, TOTAL	105,990	104,613	+1.3	511,766	476,464	+7.4	105,397	105,176	+0.2	514,472	478,998	+7.4
MELAMINE RESINS, TOTAL	17,555	15,122	+16.1	84,572	72,395	+16.8	19,361	15,646	+23.7	89,222	72,903	+22.4
UREA & MELAMINE RESINS, TOTAL	123,545	119,735	+3.2	596,338	548,859	+8.7	124,758	120,822	+3.3	603,694	551,901	+9.4
Total Exports	D	D		D	D							
Total Domestic *	123,545	119,735	+3.2	596,338	548,859	+8.7						
Textile Treating & Coating Resins	D	D		D	D		D	D		D	D	
Paper Treating & Coating Resins	8,463	6,253	+35.3	43,316	26,083	+66.1	9,197	6,610	+39.1	44,793	35,386	+26.6
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	92,744	90,741	+2.2	448,539	408,472	+9.8	92,007	91,285	+0.8	450,470	414,978	+8.6
Laminating	3,894	3,378	+15.3	18,980	16,362	+16.0	3,904	3,221	+21.2	18,904	16,263	+16.2
Plywood	5,631	5,072	+11.0	23,517	25,373	-7.3	5,743	5,274	+8.9	24,401	26,163	-6.7
Fibrous & Granulated Wood (Particle Board)	83,219	82,291	+1.1	406,042	366,737	+10.7	82,360	82,790	-0.5	407,165	372,552	+9.3
Protective Coatings (Straight & Modified)	7,973	6,855	+16.3	36,032	32,152	+12.1	9,866	7,818	+26.2	45,838	34,847	+31.5
All Other Uses (Includes Textile Treating & Coating Resins, Molding Compounds, and Exports)	14,365	15,886	-9.6	68,451	82,152	-16.7	13,688	15,109	-9.4	62,593	66,690	-6.1
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	207,073	198,826	+4.1	1,093,055	992,942	+10.1	209,178	193,853	+7.9	1,088,142R	970,186	+12.2
Total Exports	2,394	2,108	+13.6	9,577	10,019	-4.4						
Total Domestic	204,679	196,718	+4.0	1,083,478	982,923	+10.2						
Molding Compounds	21,224	19,620	+8.2	112,362	89,944	+24.9	25,274	23,596	+7.1	123,744	104,617	+18.3
Bonding & Adhesive Resins for:	178,821	173,277	+3.2	949,233	873,820	+8.6	178,563	166,346	+7.3	941,021R	845,893	+11.2
Laminating	12,294	13,471	-8.7	68,049	67,056	+1.5	10,633	10,952	-2.9	62,937R	56,040	+12.3
Coated & Bonded Abrasives	1,967	2,117	-7.1	11,566	11,459	+0.9	2,101	2,015	+4.3	11,297	11,166	+1.2
Friction Materials	2,934	2,624	+11.8	16,025	12,531	+27.9	3,054	2,955	+3.4	15,929	12,255	+30.0
Insulation Materials	27,370	27,366	0.0	144,049	128,516	+12.1	27,601	25,623	+7.7	141,226	120,119	+17.6
Foundry & Shell Molding	6,421	5,099	+25.9	32,544	27,414	+18.7	6,692	5,122	+30.7	33,706	27,995	+20.4
Plywood	105,739	99,518	+6.3	556,853	517,251	+7.7	104,301	96,699	+7.9	550,224	507,627	+8.4
Fibrous & Granulated Wood	15,068	15,698	-4.0	80,114	76,383	+4.9	15,338	15,333	0.0	80,288	74,978	+7.1
Resins Sold to Rubber Industry	2,553	2,448	+4.3	13,697	10,691	+28.1	3,418	2,412	+41.7	15,709	11,792	+33.2
All Other	4,475	4,936	-9.3	26,336	22,519	+17.0	5,425	5,235	+3.6	29,705	23,921	+24.2
Protective Coatings — Unmodified & Modified	1,895	1,408	+34.6	9,530	7,557	+26.1	2,081	1,706	+22.0	10,211	8,162	+25.1
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	2,739	2,413	+13.5	12,353	11,602	+6.5	3,260	2,205	+47.8	13,166	11,514	+14.3

(1) = Except phenolic resins which are reported on a gross weight basis

* = Domestic total includes exports.

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= Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

MAY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	670,442	642,751	+4.3	3,318,340	3,151,973	+5.3	754,995	701,218	+7.7	3,563,042R	3,285,755	+8.4
Total Exports	62,336	92,001	-32.2	289,791	378,526	-23.4						
Total Domestic	608,106	550,750	+10.4	3,028,549	2,773,447	+9.2						
Film (12 Mils & Below)	373,953	346,532	+7.9	1,882,259	1,769,401	+6.4						
Sheet (Over 12 Mils)	D(3)	D(3)		D(3)	D(3)							
Injection Molding	53,032	49,653	+6.8	260,117	257,975	+0.8						
Wire & Cable	35,319	25,163	+40.4	165,506	127,710	+29.6						
Extrusion Coating	57,391	48,257	+18.9	274,898	226,838	+21.2						
Blow Molding	3,230	3,674	-12.1	19,182	15,701	+22.2						
Pipe & Conduit, Total	2,866	2,578	+11.2	15,148	10,272	+47.5						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	5,998	6,188	-3.1	33,367	31,924	+4.5						
All Other Uses	76,317	68,705	+11.1	378,072	333,626	+13.3						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	505,670	470,288	+7.5	2,382,336	2,147,821	+10.9	541,017	457,625	+18.2	2,569,641R	2,222,988	+15.6
Total Exports	55,590	74,395	-25.3	279,526R	362,513	-22.9						
Total Domestic	450,080	395,893	+13.7	2,102,810R	1,785,308	+17.8						
Film (12 Mils & Below)	32,437	33,219	-2.4	133,356R	142,292	-6.3						
Sheet (Over 12 Mils)	8,232	6,265	+31.4	40,522	29,770	+36.1						
Injection Molding	105,799	105,148	+0.6	500,610	445,074	+12.5						
Wire & Cable	13,778	7,568	+82.1	49,355	46,531	+6.1						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	174,912	147,337	+18.7	856,821	690,178	+24.1						
Pipe & Conduit, Total	44,200	40,398	+9.4	192,228R	163,492	+17.6						
Corrugated Pipe & Conduit	15,589	18,387	-15.2	56,198	70,184	-19.9						
Non-Corrugated Pipe & Conduit	28,611	22,011	+30.0	136,030R	93,308	+45.8						
Other Extruded Products	3,119	4,022	-22.5	16,979	14,900	+14.0						
All Other Uses	67,603	51,936	+30.2	312,939	253,071	+23.7						

D = Disclosure
(2) = Included in Other Extruded Products
(3) = Included in Film

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SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

MAY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
POLYPROPYLENE, TOTAL	404,594	364,915	+10.9	1,946,916	1,738,626	+12.0	418,974	364,395	+15.0	2,060,236	1,754,965	+17.4
Total Exports	63,195	57,064	+10.7	254,589	312,435	-18.5						
Total Domestic	341,399	307,851	+10.9	1,692,327	1,426,191	+18.7						
Injection Molding	111,152	103,077	+7.8	570,100	484,532	+17.7						
Appliances	8,927	7,855	+13.6	49,406	38,152	+29.5						
Consumer Products	25,856	23,837	+8.5	130,019	127,833	+1.7						
Rigid Packaging	30,195	31,961	-5.5	144,968	147,309	-1.6						
Transportation	26,392	22,116	+19.3	144,686	102,338	+41.4						
All Other Injection Molding	19,782	17,308	+14.3	101,021	68,900	+46.6						
Blow Molding	7,714	6,630	+16.3	43,459	32,255	+34.7						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	30,139	28,614	+5.3	163,450	144,112	+13.4						
Sheet (Over 10 Mils)	4,439	2,808	+58.1	22,051	10,736	+105.4						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	114,216	99,588	+14.7	560,483	468,215	+19.7						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	10,298	7,960	+29.4	44,304	43,718	+1.3						
Resellers & Compounders	52,219	43,760	+19.3	210,688	173,361	+21.5						
All Other Uses	11,222	15,414	-27.2	77,792	69,262	+12.3						

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= Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	103,253	81,257	+27.1	490,030R	388,073	+26.3	111,723	76,842	+45.4	534,168R	388,867	+37.4
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	8,836	7,438	+18.8	43,430R	37,512	+15.8	10,237	8,694	+17.7	77,644R	37,210	+108.7
Total Exports	1,164	844	+37.9	5,398	3,811	+41.6						
Total Domestic	7,672	6,594	+16.3	38,032R	33,701	+12.9						
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene (3)	24,686	22,072	+11.8	106,232	90,163	+17.8	24,334	19,152	+27.1	115,294	91,330	+26.2
Total Export	D	D		D	D							
Total Domestic	24,686	22,072	+11.8	106,232	90,163	+17.8						
Molding & Extrusion	18,253	16,078	+13.5	76,518	65,044	+17.6						
Coatings	6,433	5,994	+7.3	29,714	25,119	+18.3						
POLYSTYRENE RESINS, TOTAL	327,449	325,760	+0.5	1,576,554R	1,437,918	+9.6	316,413	309,375	+2.3	1,536,987R	1,403,819	+9.5
Straight Polystyrene	170,047	162,077	+4.9	807,017R	734,118	+9.9	161,988	153,737	+5.4	800,565R	732,432	+9.3
Rubber-Modified Polystyrene	157,402	163,683	-3.8	769,537R	703,800	+9.3	154,425	155,638	-0.8	736,422R	671,387	+9.7
Total Exports	9,731	5,515	+76.4	39,677R	32,942	+20.4						
Straight Polystyrene	5,118	2,427	+110.9	21,736R	17,273	+25.8						
Rubber-Modified Polystyrene	4,613	3,088	+49.4	17,941	15,669	+14.5						
Total Domestic	317,718	320,245	-0.8	1,536,877R	1,404,976	+9.4						
Molding	124,420	143,631	-13.4	603,868R	596,482	+1.2						
Extrusion	124,690	102,404	+21.8	587,342R	488,160	+20.3						
Expandable Polystyrene Beads	40,867	38,445	+6.3	184,687R	172,643	+7.0						
All Other Uses	27,741	35,765	-22.4	160,980R	147,691	+9.0						
Polystyrene End Uses, Total**	317,718	320,245	-0.8	1,536,877R	1,404,976	+9.4						
Packaging	79,139	87,174	-9.2	397,956R	356,999	+11.5						
Disposables	46,602	37,328	+24.8	223,497R	173,700	+28.7						
Consumer and Institutional Products	45,980	48,288	-4.8	223,700R	223,678	0.0						
Electrical/Electronics	23,673	23,836	-0.7	107,485	119,801	-10.3						
Furniture, Furnishings, Building & Construction	14,979	14,036	+6.7	72,537	65,153	+11.3						
Expandable Polystyrene Beads	40,867	38,445	+6.3	184,687R	172,643	+7.0						
All Other End Uses	66,478	71,138	-6.6	327,015R	293,002	+11.6						

(3) = Includes ABS and SAN

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

MAY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including butadiene latexes not carboxylated	D	D		D	D		D	D		D	D	
STYRENE BUTADIENE & OTHER STYRENE BASED LATEXES, TOTAL* **	69,323	61,943	+11.9	315,216R	278,517	+13.2	69,185	65,335	+5.9	317,345R	282,213	+12.4
Paper Treating	1,895	3,039	-37.6	10,989R	12,733	-13.7						
Textile Treating	1,263	1,909	-33.8	6,874R	8,847	-22.3						
Carpet Backing	30,976	27,037	+14.6	134,054R	118,386	+13.2						
All Other Uses (Including Exports & Paper Coating)	35,189	29,958	+17.5	163,299R	138,551	+17.9						
NYLON RESINS, TOTAL	33,232	26,394	+25.9	163,275	125,824	+29.8	36,846	26,764	+37.7	179,565	118,956	+51.0
Total Exports	1,687	1,477	+14.2	8,607	8,103	+6.2						
Total Domestic	31,545	24,917	+26.6	154,668	117,721	+31.4						
Injection Molding Grade	20,891	15,815	+32.1	104,864	74,326	+41.1						
Extrusion Grade	8,078	6,971	+15.9	38,829	35,065	+10.7						
Resellers and Compounders	2,104	1,620	+29.9	8,182	6,014	+36.0						
All Other Uses	472	511	-7.6	2,793	2,316	+20.6						

***Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

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SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

MAY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	505,856	544,648	-7.1	2,925,482R	2,598,149	+12.6	551,657	556,554	-0.9	2,940,076R	2,503,643	+17.4
Homopolymer Resins Including Blending & Latex	451,557	486,188	-7.1	2,637,425R	2,321,246	+13.6	495,384	497,858	-0.5	2,641,288R	2,242,338	+17.8
Copolymer Resins Including Blending & Latex	22,904	25,038	-8.5	122,960	114,279	+7.6	21,644	23,718	-8.7	126,372R	109,355	+15.6
Dispersion Resins	31,395	33,422	-6.1	165,097	162,624	+1.5	34,629	34,978	-1.0	172,416R	151,950	+13.5
Total Exports	31,100	45,030	-30.9	183,523R	236,262	-22.3						
Total Domestic	474,756	499,618	-5.0	2,741,959R	2,361,887	+16.1						
Calendering, Total	49,212	61,847	-20.4	297,386R	288,852	+3.0						
Flooring	12,346	13,787	-10.5	68,502R	65,162	+5.1						
Textile	6,421	9,101	-29.4	44,332	39,743	+11.5						
All Other Calendering Uses	30,445	38,959	-21.9	184,552R	183,947	+0.3						
Coating, Total	28,640	32,007	-10.5	147,665R	146,546	+0.8						
Flooring	11,228	15,200	-26.1	51,994R	60,845	-14.5						
Textile & Paper Coating	10,148	8,852	+14.6	50,342	48,047	+5.2						
Protective Coatings	3,593	3,897	-7.8	19,146	18,455	+3.7						
Adhesives & All Other Coating Uses	3,671	4,058	-9.5	25,983	19,199	+35.3						
Extrusion, Total	311,116	302,061	+3.0	1,803,446R	1,474,652	+22.3						
Wire & Cable	34,301	26,549	+29.2	185,070R	146,480	+26.3						
Film & Sheet	22,274	24,049	-7.4	139,341R	124,696	+11.7						
Rigid Pipe & Tubing (Except Fittings)	200,618	209,265	-4.1	1,199,764R	978,746	+22.6						
All Other Extrusions	53,923	42,198	+27.8	279,271R	224,728	+24.3						
Molding, Total	40,160	38,809	+3.5	201,656R	176,339	+14.4						
Bottles	17,080	14,544	+17.4	83,453	59,708	+39.8						
Sound Records	6,052	7,729	-21.7	30,925	38,367	-19.4						
Fittings (Rigid Pipe & Tubing)	9,492	9,880	-3.9	52,795R	44,637	+18.3						
All Other Molding	7,536	6,656	+13.2	34,483	33,627	+2.5						
Paste Processes (Except Coating)	13,965	13,205	+5.8	75,269	69,556	+8.2						
Plastisol Formulation	7,093	8,003	-11.4	42,231	38,424	+9.9						
All Other	6,872	5,202	+32.1	33,038	31,132	+6.1						
Resellers & Compounders	11,996	20,488	-41.4	76,485R	84,479	-9.5						
All Other Uses	19,667	31,201	-37.0	140,052	121,463	+15.3						

R = Revision

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOPLASTIC RESINS (In thousands of pounds, dry weight basis) MAY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	61,427	57,718	+6.4	302,018R	278,344	+8.5						
Total Exports	293	494	-40.7	1,619R	3,031	-46.6						
Total Domestic	61,134	57,224	+6.8	300,399R	275,313	+9.1						
Emulsion Paints	18,410	18,299	+0.6	91,317R	85,648	+6.6						
Adhesives, Caulks and Sealants	24,803	22,672	+9.4	122,057R	110,766	+10.2						
Paper Treating & Paper Coating	10,485	9,316	+12.5	51,547R	47,258	+9.1						
Textile Treating	2,063	2,024	+1.9	9,857	8,126	+21.3						
Non-Woven Binders	2,689	2,765	-2.7	13,109R	12,957	+1.2						
All Other Uses	2,684	2,148	+25.0	12,512	10,558	+18.5						
POLYVINYL ALCOHOL, TOTAL #	12,537	10,532	+19.0	61,615	54,320	+13.4	14,441	12,023	+20.1	60,222	48,135	+25.1
Total Exports	2,633	1,549	+70.0	11,954	8,729	+36.9						
Total Domestic	9,904	8,983	+10.3	49,661	45,591	+8.9						
OTHER VINYL RESINS*, TOTAL	16,586	14,243	+16.5	79,810R	67,537	+18.2	14,022	15,223	-7.9	79,918R	74,007	+8.0
Total Exports	4,681	3,292	+42.2	18,864	15,435	+22.2						
Total Domestic	11,905	10,951	+8.7	60,946R	52,102	+17.0						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	74,841	66,169	+13.1	336,823	298,667	+12.8	76,585	63,511	+20.6	346,004R	293,856	+17.7
Total Exports	7,460	9,656	-22.7	38,441	30,872	+24.5						
Total Domestic	67,381	56,513	+19.2	298,382	267,795	+11.4						
PET Bottle Grades (carbonated beverage bottles)	49,918	42,515	+17.4	209,167	200,125	+4.5						
All Other Thermoplastic Polyester**	17,463	13,998	+24.8	89,215	67,670	+31.8						

**Includes All Other PET, Other Bottle grades, and All Injection Molding Grades

= Includes imputed data

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